



February 16, 2012

Ms. Stephanie Mossburg
Microbac Laboratories
Ohio Valley Division
158 Starlite Drive
Marietta, Ohio 45750

Re: MPL - STP
Work Order: 295343

Dear Ms. Mossburg:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on February 03, 2012. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. 4300.

Sincerely,

Julie Robinson for
Client Services Team
Project Manager

Enclosures



GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 – (843) 556-8171 – www.gel.com

Certificate of Analysis Report for

MILA002 Microbac Laboratories, Inc.

Client SDG: 295343 GEL Work Order: 295343

The Qualifiers in this report are defined as follows:

- * A quality control analyte recovery is outside of specified acceptance criteria
- ** Analyte is a surrogate compound
- U Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the detection limit.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Client Services Team.

Reviewed by



GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

Certificate of Analysis

Report Date: February 16, 2012

Company : Microbac Laboratories
Address : Ohio Valley Division
158 Starlite Drive
Marietta, Ohio 45750
Contact: Ms. Stephanie Mossburg
Project: MPL - STP

Client Sample ID: MPL 4 - 0112-1
Sample ID: 295343001
Matrix: Ground Water
Collect Date: 30-JAN-12 13:55
Receive Date: 03-FEB-12
Collector: Client

Project: MILA00210
Client ID: MILA002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS											
200.2/200.8 Uranium "As Received"											
Uranium		2.24	0.067	0.200	ug/L	1	SKJ	02/11/12	0501	1185489	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BXA1	02/09/12	1831	1185487

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	

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Certificate of Analysis

Report Date: February 16, 2012

Company : Microbac Laboratories
Address : Ohio Valley Division
158 Starlite Drive
Marietta, Ohio 45750
Contact: Ms. Stephanie Mossburg
Project: MPL - STP

Client Sample ID: MPL 2 - 0112-1
Sample ID: 295343002
Matrix: Ground Water
Collect Date: 30-JAN-12 17:05
Receive Date: 03-FEB-12
Collector: Client

Project: MILA00210
Client ID: MILA002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS											
200.2/200.8 Uranium "As Received"											
Uranium		0.505	0.067	0.200	ug/L	1	SKJ	02/11/12	0538	1185489	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BXA1	02/09/12	1831	1185487

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	

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Certificate of Analysis

Report Date: February 16, 2012

Company : Microbac Laboratories
Address : Ohio Valley Division
158 Starlite Drive
Marietta, Ohio 45750
Contact: Ms. Stephanie Mossburg
Project: MPL - STP

Client Sample ID: MPL 3 - 0112-1
Sample ID: 295343003
Matrix: Ground Water
Collect Date: 30-JAN-12 10:15
Receive Date: 03-FEB-12
Collector: Client

Project: MILA00210
Client ID: MILA002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS											
200.2/200.8 Uranium "As Received"											
Uranium		1.08	0.067	0.200	ug/L	1	SKJ	02/11/12	0544	1185489	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BXA1	02/09/12	1831	1185487

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	

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Certificate of Analysis

Report Date: February 16, 2012

Company : Microbac Laboratories
Address : Ohio Valley Division
158 Starlite Drive
Marietta, Ohio 45750
Contact: Ms. Stephanie Mossburg
Project: MPL - STP

Client Sample ID: MPL 3 - 0112-2
Sample ID: 295343004
Matrix: Ground Water
Collect Date: 30-JAN-12 10:15
Receive Date: 03-FEB-12
Collector: Client

Project: MILA00210
Client ID: MILA002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS											
200.2/200.8 Uranium "As Received"											
Uranium		1.13	0.067	0.200	ug/L	1	SKJ	02/11/12	0550	1185489	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BXA1	02/09/12	1831	1185487

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	

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Certificate of Analysis

Report Date: February 16, 2012

Company : Microbac Laboratories
Address : Ohio Valley Division
158 Starlite Drive
Marietta, Ohio 45750
Contact: Ms. Stephanie Mossburg
Project: MPL - STP

Client Sample ID: MPL 1 - 0112-1
Sample ID: 295343005
Matrix: Ground Water
Collect Date: 30-JAN-12 15:00
Receive Date: 03-FEB-12
Collector: Client

Project: MILA00210
Client ID: MILA002

Parameter	Qualifier	Result	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Metals Analysis-ICP-MS											
200.2/200.8 Uranium "As Received"											
Uranium		0.353	0.067	0.200	ug/L	1	SKJ	02/11/12	0556	1185489	1

The following Prep Methods were performed:

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	BXA1	02/09/12	1831	1185487

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 200.8	

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QC Summary

Report Date: February 16, 2012

Page 1 of 2

Microbac Laboratories

Ohio Valley Division

158 Starlite Drive

Marietta, Ohio

Contact: Ms. Stephanie Mossburg

Workorder: 295343

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Metals Analysis - ICPMS											
Batch	1185489										
QC1202592421	295343001	DUP									
Uranium		2.24		2.29	ug/L	2.20		(0%-20%)	SKJ	02/11/12	05:07
QC1202592420	LCS										
Uranium	50.0			46.6	ug/L		93.2	(85%-115%)		02/11/12	04:55
QC1202592419	MB										
Uranium			U	ND	ug/L					02/11/12	04:49
QC1202592422	295343001	MS									
Uranium	50.0	2.24		49.6	ug/L		94.7	(75%-125%)		02/11/12	05:13
QC1202592423	295343001	SDILT									
Uranium		2.24		0.452	ug/L	.758		(0%-10%)		02/11/12	05:19

Notes:

The Qualifiers in this report are defined as follows:

- ** Analyte is a surrogate compound
- < Result is less than value reported
- > Result is greater than value reported
- A The TIC is a suspected aldol-condensation product
- B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
- BD Results are either below the MDC or tracer recovery is low
- C Analyte has been confirmed by GC/MS analysis
- D Results are reported from a diluted aliquot of the sample
- E Metals--%difference of sample and SD is >10%. Sample concentration must meet flagging criteria
- F Estimated Value
- FB Mercury was found present at quantifiable concentrations in field blanks received with these samples. Data associated with the blank are deemed invalid for reporting to regulatory agencies
- H Analytical holding time was exceeded
- J Value is estimated
- K Analyte present. Reported value may be biased high. Actual value is expected to be lower.
- L Analyte present. Reported value may be biased low. Actual value is expected to be higher.
- M M if above MDC and less than LLD
- M Matrix Related Failure
- N Metals--The Matrix spike sample recovery is not within specified control limits
- N/A RPD or %Recovery limits do not apply.
- N1 See case narrative
- ND Analyte concentration is not detected above the detection limit

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QC Summary

Workorder: 295343

Page 2 of 2

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.										
R	Sample results are rejected										
U	Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.										
UI	Gamma Spectroscopy--Uncertain identification										
UJ	Gamma Spectroscopy--Uncertain identification										
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.										
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
Y	QC Samples were not spiked with this compound										
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.										
h	Preparation or preservation holding time was exceeded										

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.

^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.

* Indicates that a Quality Control parameter was not within specifications.

For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

GEL LABORATORIES LLC

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Certificate of Analysis

Report Date: February 16, 2012

Company : Microbac Laboratories
Address : Ohio Valley Division
158 Starlite Drive
Marietta, Ohio 45750
Contact: Ms. Stephanie Mossburg
Project: MPL - STP

Client Sample ID: MPL 4 - 0112-1
Sample ID: 295343001
Matrix: Ground Water
Collect Date: 30-JAN-12 13:55
Receive Date: 03-FEB-12
Collector: Client

Project: MILA00210
Client ID: MILA002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Ra228, Liquid "As Received"												
Radium-228	U	1.29	+/-1.26	2.08	3.00	pCi/L		KDF1	02/10/12	1308	1185907	1
Rad Radium-226												
Lucas Cell, Ra226, liquid "As Received"												
Radium-226		0.528	+/-0.274	0.325	1.00	pCi/L		KSD1	02/14/12	1415	1185793	2

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 904.0/SW846 9320 Modified	
2	EPA 903.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Received"			92.4	(15%-125%)

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Certificate of Analysis

Report Date: February 16, 2012

Company : Microbac Laboratories
Address : Ohio Valley Division
158 Starlite Drive
Marietta, Ohio 45750
Contact: Ms. Stephanie Mossburg
Project: MPL - STP

Client Sample ID: MPL 2 - 0112-1
Sample ID: 295343002
Matrix: Ground Water
Collect Date: 30-JAN-12 17:05
Receive Date: 03-FEB-12
Collector: Client

Project: MILA00210
Client ID: MILA002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Ra228, Liquid "As Received"												
Radium-228	U	1.47	+/-0.991	1.50	3.00	pCi/L		KDF1	02/10/12	1308	1185907	1
Rad Radium-226												
Lucas Cell, Ra226, liquid "As Received"												
Radium-226	U	0.00	+/-0.172	0.355	1.00	pCi/L		KSD1	02/14/12	1415	1185793	2

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 904.0/SW846 9320 Modified	
2	EPA 903.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Received"			93.3	(15%-125%)

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Marietta, Ohio 45750
Contact: Ms. Stephanie Mossburg
Project: MPL - STP

Client Sample ID: MPL 3 - 0112-1
Sample ID: 295343003
Matrix: Ground Water
Collect Date: 30-JAN-12 10:15
Receive Date: 03-FEB-12
Collector: Client

Project: MILA00210
Client ID: MILA002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Ra228, Liquid "As Received"												
Radium-228	U	-0.149	+/-0.906	1.73	3.00	pCi/L		KDF1	02/10/12	1308	1185907	1
Rad Radium-226												
Lucas Cell, Ra226, liquid "As Received"												
Radium-226	U	0.174	+/-0.267	0.469	1.00	pCi/L		KSD1	02/14/12	1415	1185793	2

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 904.0/SW846 9320 Modified	
2	EPA 903.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Received"			106	(15%-125%)

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Certificate of Analysis

Report Date: February 16, 2012

Company : Microbac Laboratories
Address : Ohio Valley Division
158 Starlite Drive
Marietta, Ohio 45750
Contact: Ms. Stephanie Mossburg
Project: MPL - STP

Client Sample ID: MPL 3 - 0112-2
Sample ID: 295343004
Matrix: Ground Water
Collect Date: 30-JAN-12 10:15
Receive Date: 03-FEB-12
Collector: Client

Project: MILA00210
Client ID: MILA002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Ra228, Liquid "As Received"												
Radium-228	U	1.87	+/-1.49	2.40	3.00	pCi/L		KDF1	02/10/12	1440	1185907	1
Rad Radium-226												
Lucas Cell, Ra226, liquid "As Received"												
Radium-226		0.377	+/-0.220	0.222	1.00	pCi/L		KSD1	02/14/12	1415	1185793	2

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 904.0/SW846 9320 Modified	
2	EPA 903.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Received"			95.4	(15%-125%)

GEL LABORATORIES LLC

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Certificate of Analysis

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Company : Microbac Laboratories
Address : Ohio Valley Division
158 Starlite Drive
Marietta, Ohio 45750
Contact: Ms. Stephanie Mossburg
Project: MPL - STP

Client Sample ID: MPL 1 - 0112-1
Sample ID: 295343005
Matrix: Ground Water
Collect Date: 30-JAN-12 15:00
Receive Date: 03-FEB-12
Collector: Client

Project: MILA00210
Client ID: MILA002

Parameter	Qualifier	Result	Uncertainty	DL	RL	Units	DF	Analyst	Date	Time	Batch	Method
Rad Gas Flow Proportional Counting												
GFPC, Ra228, Liquid "As Received"												
Radium-228	U	0.666	+/-0.879	1.50	3.00	pCi/L		KDF1	02/10/12	1308	1185907	1
Rad Radium-226												
Lucas Cell, Ra226, liquid "As Received"												
Radium-226	U	0.0221	+/-0.178	0.357	1.00	pCi/L		KSD1	02/14/12	1445	1185793	2

The following Analytical Methods were performed:

Method	Description	Analyst Comments
1	EPA 904.0/SW846 9320 Modified	
2	EPA 903.1 Modified	

Surrogate/Tracer Recovery	Test	Result	Nominal	Recovery%	Acceptable Limits
Barium-133 Tracer	GFPC, Ra228, Liquid "As Received"			102	(15%-125%)

GEL LABORATORIES LLC

2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Report Date: February 16, 2012

Page 1 of 2

Microbac Laboratories
Ohio Valley Division
158 Starlite Drive
Marietta, Ohio

Contact: Ms. Stephanie Mossburg

Workorder: 295343

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
Rad Gas Flow											
Batch	1185907										
QC1202593458	295343001	DUP									
Radium-228	U	1.29	U	0.0422	pCi/L	0.00		N/A	KDF1	02/10/12	13:07
	Uncertainty	+/-1.26		+/-0.819							
QC1202593460	LCS										
Radium-228	30.9			36.6	pCi/L		118	(75%-125%)		02/10/12	14:40
	Uncertainty			+/-3.37							
QC1202593457	MB										
Radium-228			U	1.16	pCi/L					02/10/12	13:07
	Uncertainty			+/-1.14							
QC1202593459	295343001	MS									
Radium-228	93.0 U	1.29		71.7	pCi/L		77	(75%-125%)		02/10/12	13:08
	Uncertainty	+/-1.26		+/-7.59							
Rad Ra-226											
Batch	1185793										
QC1202593139	295343001	DUP									
Radium-226		0.528	U	0.204	pCi/L	88.4		(0% - 100%)	KSD1	02/14/12	14:45
	Uncertainty	+/-0.274		+/-0.249							
QC1202593141	LCS										
Radium-226	24.7			21.1	pCi/L		85.3	(75%-125%)		02/14/12	15:20
	Uncertainty			+/-1.52							
QC1202593138	MB										
Radium-226				0.255	pCi/L					02/14/12	14:45
	Uncertainty			+/-0.176							
QC1202593140	295343001	MS									
Radium-226	24.7	0.528		30.5	pCi/L		122	(75%-125%)		02/14/12	14:45
	Uncertainty	+/-0.274		+/-1.92							

Notes:

The Qualifiers in this report are defined as follows:

- ** Analyte is a surrogate compound
- < Result is less than value reported
- > Result is greater than value reported
- A The TIC is a suspected aldol-condensation product
- B For General Chemistry and Organic analysis the target analyte was detected in the associated blank.
- BD Results are either below the MDC or tracer recovery is low
- C Analyte has been confirmed by GC/MS analysis
- D Results are reported from a diluted aliquot of the sample
- E Metals--%difference of sample and SD is >10%. Sample concentration must meet flagging criteria

GEL LABORATORIES LLC

2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

QC Summary

Workorder: 295343

Page 2 of 2

Parmname	NOM	Sample	Qual	QC	Units	RPD%	REC%	Range	Anlst	Date	Time
F	Estimated Value										
FB	Mercury was found present at quantifiable concentrations in field blanks received with these samples. Data associated with the blank are deemed invalid for reporting to regulatory agencies										
H	Analytical holding time was exceeded										
J	Value is estimated										
K	Analyte present. Reported value may be biased high. Actual value is expected to be lower.										
L	Analyte present. Reported value may be biased low. Actual value is expected to be higher.										
M	M if above MDC and less than LLD										
M	Matrix Related Failure										
N	Metals--The Matrix spike sample recovery is not within specified control limits										
N/A	RPD or %Recovery limits do not apply.										
N1	See case narrative										
ND	Analyte concentration is not detected above the detection limit										
NJ	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or DER.										
R	Sample results are rejected										
U	Analyte was analyzed for, but not detected above the MDL, MDA, or LOD.										
UI	Gamma Spectroscopy--Uncertain identification										
UJ	Gamma Spectroscopy--Uncertain identification										
UL	Not considered detected. The associated number is the reported concentration, which may be inaccurate due to a low bias.										
X	Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier										
Y	QC Samples were not spiked with this compound										
^	RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.										
h	Preparation or preservation holding time was exceeded										

N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more.

^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.

* Indicates that a Quality Control parameter was not within specifications.

For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

There are no "Data Exception Reports" associated with this analytical report.

COC No. A 28492

158 Starlite Drive
Marietta, OH 45750**Microbac**

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: Zia / SHAW		Contact Phone #: 505-262-8920		Location: WSMR		Project ID: STP		Sampler (print): Bradley Davis		Signature: <i>Bradley Davis</i>												
Project Contact: Mark Lyon	Turn Around Requirements: Normal																					
Sample I.D. No.	Comp	Grab	Date	Time	Matrix*	Hold	Anions	Cond. pH	Alkalinity	Total Free Ammonia N	Metals	WH ₂ TOX	TSS	VOCs	KADS	PCBs	PAHs	Total Phenols	AI, B, E, M ₁ , M ₂	TOTAL # (LAB USE)	Program	ADDITIONAL REQUIREMENTS
MPL 4-0112-1		X	1-30-12	1355	W	16	X	X	X	X	X	X	X	X	X	X	X	X	X		<input type="checkbox"/> CWA <input type="checkbox"/> RCRA <input type="checkbox"/> DOD <input type="checkbox"/> AFCEE <input type="checkbox"/> Other	
MPL 4-0112-MS		X	1-30-12	1355	W	16	X	X	X	X	X	X	X	X	X	X	X	X	X			
MPL 4-0112-Med		X	1-30-12	1355	W	16	X	X	X	X	X	X	X	X	X	X	X	X	X			
MPL 2-0112-1		X	1-30-12	1705	W	16	X	X	X	X	X	X	X	X	X	X	X	X	X			
MPL 3-0112-1		X	1-31-12	1015	W	16	X	X	X	X	X	X	X	X	X	X	X	X	X			
MPL 3-0112-2		X	1-31-12	1015	W	16	X	X	X	X	X	X	X	X	X	X	X	X	X			
MPL 1-0112-1		X	1-31-12	1500	W	16	X	X	X	X	X	X	X	X	X	X	X	X	X			
<div style="display: flex; justify-content: space-between;"> <div> Microbac OVD Received: 02/01/2012 10:07 By: CARA STRICKLER </div> <div> 221000022012 </div> </div>																						
Relinquished by: (Signature) <i>Bradley Davis</i>		Date	1-31-12	Time	1700	Receiv (Sign)																
Relinquished by: (Signature) <i>Bradley Davis</i>		Date	2/3/12	Time	845	Receiv (Sign)																
Remarks:																						

*Water (W), Soil (S), Solid Waste (SD), Unknown (X)



SAMPLE RECEIPT & REVIEW FORM

Client: <u>Microbac</u>		SDG/AR/COC/Work Order: <u>295 343</u>
Received By: <u>LB</u>		Date Received: <u>2/3/12</u>
Suspected Hazard Information	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.
COC/Samples marked as radioactive?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Maximum Net Counts Observed* (Observed Counts - Area Background Counts): <u>0 cpm</u>
Classified Radioactive II or III by RSO?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, Were swipes taken of sample containers < action levels?
COC/Samples marked containing PCBs?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Shipped as a DOT Hazardous?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hazard Class Shipped: UN#:
Samples identified as Foreign Soil?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1 Shipping containers received intact and sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
2 Samples requiring cold preservation within (0 ≤ 6 deg. C)?*	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Preservation Method: Ice bags Blue ice Dry ice <u>None</u> Other (describe) *all temperatures are recorded in Celsius
2a Daily check performed and passed on IR temperature gun?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Temperature Device Serial #: Secondary Temperature Device Serial # (If Applicable):
3 Chain of custody documents included with shipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4 Sample containers intact and sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5 Samples requiring chemical preservation at proper pH?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sample ID's, containers affected and observed pH: If Preservation added, Lot#:
6 VOA vials free of headspace (defined as < 6mm bubble)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sample ID's and containers affected:
7 Are Encore containers present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	(If yes, immediately deliver to Volatiles laboratory)
8 Samples received within holding time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ID's and tests affected:
9 Sample ID's on COC match ID's on bottles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sample ID's and containers affected:
10 Date & time on COC match date & time on bottles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sample ID's affected:
11 Number of containers received match number indicated on COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Sample ID's affected: <u>Per COC 10 containers → received 2 of each</u>
12 Are sample containers identifiable as GEL provided?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13 COC form is properly signed in relinquished/received sections?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14 Carrier and tracking number.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circle Applicable: <u>FedEx Air</u> FedEx Ground UPS Field Services Courier Other <u>4729 3626 0842</u> <u>4729 3626 0831</u>

Comments (Use Continuation Form if needed):

List of current GEL Certifications as of 16 February 2012

State	Certification
Arizona	AZ0766
Arkansas	88-0651
CLIA	42D0904046
California NELAP	01151CA
Colorado	SC00012
Connecticut	PH-0169
Delaware	SC00012
DoD ELAP A2LA ISO 17025	2567.01
Florida NELAP	E87156
Foreign Soils Permit	P330-09-00191
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky	90129
Louisiana NELAP	03046 (AI33904)
Louisiana SDWA	LA110008
Maryland	270
Massachusetts	M-SC012
Mississippi	SC00012
Nevada	SC000122011-1
New Hampshire NELAP	2054
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
Oklahoma	9904
Pennsylvania NELAP	68-00485
South Carolina Chemistry	10120001
South Carolina Radiochemi	10120002
Tennessee	TN 02934
Texas NELAP	T104704235-12-7
Utah NELAP	SC00012
Vermont	VT87156
Virginia NELAP	460202
Washington	C780
Wisconsin	999887790